Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 01 Feb 2021 until 23:59 on Tuesday 02 Feb 2021

Forecast Issued on Sunday 31 Jan 2021 at 11:13

Confidence: High for most of Monday but low for snow in evening. High for unsettled conditions from Tuesday with sleet or snow at times but Low confidence for details, especially snow heights. There is uncertainty in the positions of fronts over the UK and boundary between milder air to the SW and cold air to the NE.

Headline for Monday 01 Feb 2021: Dry and cold. Chance of snow in the evening.

Mountain weather hazards on Monday 01 Feb 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy	Light snow
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	<05%	10%	30%

Forecast for Monday 01 Feb 2021

Weather: Dry overnight with widespread frost. A dry and cold day with bright spells but high cloud will obscure the sun at times. Thicker cloud in the evening with outbreaks of snow moving east late evening perhaps giving a light covering.

Chance of cloud free mountain/hill tops above 600m: 95% during the day becoming 60% in evening.

Visibility: No issues during daylight hours with good visibility at all levels. Patchy low cloud developing above 400m in the evening but confidence low for this aspect of the forecast.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Monday 01 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/26 E	13/23 E	10/20 E	8/16 E	9/15 E	8/13 E	10/17 E	13/21 E	16/26 E
300	10/23 E	9/22 E	8/19 E	6/16 E	8/15 E	6/12 E	7/16 E	9/20 E	12/25 E
Valley	9/21 E	6/16 E	6/13 E	4/11 E	5/12 E	6/12 E	7/15 E	10/22 E	13/27 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-9	-3/-9	-2/-8	-2/-6	-0/-5	-0/-4	-2/-7	-2/-8	-2/-9
300	-1/-5	-1/-5	-1/-5	-0/-4	2/-1	2/-1	0/-3	0/-4	0/-5
Valley	1/-3	0/-3	-0/-3	0/-2	4/2	4/2	2/-1	2/-2	2/-3
Freezing Level*	100m	00m	100m	100m	300m	300m	300m	300m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

The cold conditions will continue with fair weather during daytime. Potential for a little snow, poor visibility and strengthening winds in the evening.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 31 Jan 2021	0mm	0.2mm	17mm

Forecast for Tuesday 02 Feb 2021

Weather: A rapid deterioration in conditions by the morning. Heavy snow lasting for most of the day on any modest high ground with blizzards on the tops. Large snow accumulations building up. Snow turning to rain in the valleys then below about 500m late in the day but this aspect is rather uncertain.

Maximum wind: East or Southeast 30-35mph gusts 45mph at first, easing to 20mph gusts 30mph in afternoon.

Chance of cloud free mountain/hill tops above 600m: Effectively nil.

Visibility: Very poor at most elevations with extensive cloud down to 200 or 300m. White out conditions developing as snow accumulates. Expert navigation skills required to travel safely in the hills.

Temperature: **Valleys:** Plus 2C rising to 4C.
At 600m: Minus 1C.
Freezing level: Mainly 200m rising to 700m later.

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